

MYCOLOGIA

OFFICIAL ORGAN OF THE MYCOLOGICAL SOCIETY OF AMERICA

VOLUME XXXIII, 1941

CONSISTING OF I-IV+717 PAGES,
INCLUDING FIGURES, 1 PORTRAIT AND COLORED ILLUSTRATION

Ref.

✓ R v. 33 1941

TABLE OF CONTENTS

NO. 1. JANUARY-FEBRUARY

New and unusual agarics from North America. II, ALEXANDER H. SMITH.....	1
Notes on some new or interesting fungi, DAVID R. SUMSTINE.....	17
Notes on Boletes. VI, WALTER H. SNELL AND ESTHER A. DICK.....	23
Notes on Florida fungi. II, ERDMAN WEST.....	38
Agaricaceae from the Medicine Bow Mountains of Wyoming, FLORENCE F. ARENBERG.....	50
Pseudotrichia and the new genus Phragmodiaporthe, LEWIS E. WEHMEYER.....	54
Uredinales of New Guinea—II, GEORGE B. CUMMINS.....	64
Host relations in species of Diplodia and similar genera, NEIL E. STEVENS.....	69
Georgia Pyrenomycetes. II, JULIAN H. MILLER.....	74
A new genus of Hypocreales, CLOYD BURNLEY STIFLER.....	82
Cercospora ? phaeochlora discovered in Chile, ANNA E. JENKINS AND CHARLES CHUPP.....	87
New species of Polyporaceae, L. O. OVERHOLTS.....	90
Studies on Histoplasma capsulatum and similar form-species. III. Effect of hydrogen ion concentration, ARDEN HOWELL, JR.....	103
A chytrid inhabiting xylem in the moline elm, LEO R. TEHON AND HUBERT A. HARRIS.....	118
Biatorella resinae: the perfect stage of Zythia resinae, THEODORE T. AYERS.....	130
Notes and brief articles.....	136

NO. 2. MARCH-APRIL

Geaster limbatus: a new variety, ELIZABETH EATON MORSE.....	139
Uredinales of New Guinea—III, GEORGE B. CUMMINS.....	143
A new smut from Louisiana, L. WAYNE LENZ.....	155
A contribution to the life history and geographic distribution of the genus Allomyces, FRED T. WOLF.....	158
Notes on Oklahoma Cercosporae, W. WINFIELD RAY.....	174
The distribution and association of Gonatorrhodiella Highlei with Nectria coccinea in the United States, THEODORE T. AYERS.....	178
The development of a species of Coprinus, G. T. JOHNSON.....	188
Further notes on fungi, S. M. ZELLER.....	196
The taxonomy of Zenker's Leptostroma Camelliae, WM. W. DIEHL.....	215
Observations on certain species of Aphanomyces, VICTOR M. CUTTER, JR.....	220

NO. 3. MAY-JUNE

Louis Charles Christopher Krieger, 1873-1940, JOHN A. STEVENSON.....	241
Four Phycomycetes destructive to nematodes and rhizopods, CHARLES DRECHSLER.....	248

Studies in the Gasteromycetes. II. Bovistina, a new genus, W. H. LONG AND DAVID J. STOFFER.....	270
A new species of <i>Achlya</i> from Costa Rica, FRED T. WOLF.....	274
Some Florida novelties, W. A. MURRILL.....	279
Observations on <i>Mindeniella spinospora</i> , F. K. SPARROW, JR., AND V. M. CUTTER, JR.....	288
Notes on the Mycetozoa—V, ROBERT HAGELSTEIN.....	294
Contributions to the mycoflora of Bermuda—II, F. J. SEAVER AND J. M. WATERSTON.....	310
Mycological notes. V, C. L. SHEAR.....	318
Notes and brief articles.....	333

No. 4. JULY-AUGUST

Howard James Banker (1866-1940), JOHN HENDLEY BARNHART.....	341
A fungous disease of codling moth larvae, VERA K. CHARLES.....	344
Studies in the Gasteromycetes. III. The family Arachniaceae, W. H. LONG.....	350
Notes on <i>Endochytrium</i> Du Plessis, JOHN S. KARLING.....	356
New species of Tennessee fungi, JOHN DEARNESS.....	360
A new western <i>Pholiota</i> , ELIZABETH EATON MORSE.....	367
<i>Stagonospora arenaria</i> on grasses, RODERICK SPRAGUE.....	371
Uredinales of New Guinea—IV, GEORGE B. CUMMINS.....	380
New or little known Ascomycetes collected in Sao Paulo in 1936, ANNA E. JENKINS, HELMUT P. KRUG, AND EDITH K. CASH.....	390
A new <i>Uredinella</i> from Ceylon, JOHN N. COUCH.....	405
Notes on <i>Coprinus micaceus</i> growing in an unusual habitat, S. M. PADY.....	411
The genera of the Boletaceae, WALTER H. SNELL.....	415
Data on the cultural characteristics of a species of <i>Coprinus</i> , G. T. JOHNSON AND ASA C. JONES.....	424
More Florida novelties, WILLIAM A. MURRILL.....	434
Notes and brief articles.....	449

No. 5. SEPTEMBER-OCTOBER

Mycologists in relation to others, DAVID H. LINDER.....	453
New and unusual species of Discomycetes, BESSIE B. KANOUSE.....	461
A new species of <i>Ceratostomella</i> on the date palm, DONALD E. BLISS.....	468
Notes on the synonymy of French and American agarics—II, MARCEL JOSSEF AND ALEXANDER H. SMITH.....	483
A new polypore in Washington, ELIZABETH EATON MORSE.....	506
<i>Pezicula carnea</i> and <i>Pezicula subcarnea</i> , J. WALTON GROVES.....	510
A new <i>Cercospora</i> on <i>Leucothoe</i> , B. H. DAVIS.....	523
Life cycle of <i>Piggotia Fraxini</i> , causing leaf disease of ash, FREDERICK A. WOLF AND ROSS W. DAVIDSON.....	526
The association of different alterations in self-fertile x-rayed derivatives of <i>Neurospora tetrasperma</i> , WALTER SCOTT MALLOCH.....	540
Inheritance of sorus characters in hybrids between <i>Ustilago Avenae</i> and <i>U.</i> <i>perennans</i> , GEORGE W. FISCHER AND C. S. HOLTON.....	555
Notes and brief articles.....	568

TABLE OF CONTENTS

v

NO. 6. NOVEMBER-DECEMBER

Sarcosphaera coronaria, FRED J. SEAVER	579
The effect of light on taxonomic characters in Fusarium, W. C. SNYDER AND H. N. HANSEN	580
Comparative studies on the primary and secondary zoospores of the Saprolegniaceae. I. Influence of temperature, S. B. SALVIN	592
Stages in the development of Thelotrema interpositum, G. T. JOHNSON AND W. L. BROWN	601
Podaxis pistillaris II, ELIZABETH EATON MORSE	609
Cordyceps stylophora and Cordyceps Ravenelii, E. B. MAINS	611
Observations on a new species of Cladochytrium, ARTHUR B. HILLEGAS ..	618
Dictyostelium minutum, a second new species of slime mold from decaying forest leaves, KENNETH B. RAPER	633
Discharge of the sporangioles of bird's nest fungi, B. O. DODGE	650
Some leaf spot fungi on western Gramineae, RODERICK SPRAGUE	655
Notes and brief articles	666
Mycological Society of America Directory, JOHN N. COUCH	670
Index to Volume XXXIII	702



